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OM protein - protein search, using sw model

Run on: August 9, 2003, 16:29:18 ; Search time 14.6286 Seconds

(without alignments)
129,893 Million cell updates/sec

Title: US-09-905-691-5

Perfect score: 16

Sequence: 1 CRRARRAARRAERA 16

Scoring table: Oligo

Gapop 60.0 , Gapext 60.0

Searched: 451899 seqs, 118759770 residues

Word size : 0

Total number of hits satisfying chosen parameters: 451899

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published_applications_AAI:*

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pred. No. 18 the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|------------------------|---------------------|
| 1 | 9 | 56.2 | 105 | 16 US-10-000-170-339 | Sequence 339, APP |
| 2 | 8 | 50.0 | 275 | 15 US-10-156-761-775 | Sequence 7735, APP |
| 3 | 8 | 50.0 | 877 | 15 US-10-156-761-13718 | Sequence 13758, APP |
| 4 | 7 | 43.8 | 120 | 10 US-09-736-457-797 | Sequence 797, APP |
| 5 | 7 | 43.8 | 120 | 10 US-09-902-941-797 | Sequence 797, APP |
| 6 | 7 | 43.8 | 120 | 10 US-09-849-626-797 | Sequence 797, APP |
| 7 | 7 | 43.8 | 120 | 15 US-10-017-754-797 | Sequence 797, APP |
| 8 | 7 | 43.8 | 182 | 15 US-10-156-761-1654 | Sequence 13634, APP |
| 9 | 7 | 43.8 | 215 | 15 US-10-156-761-12773 | Sequence 12773, APP |
| 10 | 7 | 43.8 | 276 | 10 US-09-738-626-4645 | Sequence 4645, APP |
| 11 | 7 | 43.8 | 287 | 15 US-10-156-761-13412 | Sequence 13402, APP |
| 12 | 7 | 43.8 | 359 | 14 US-10-364-448 | Sequence 48, APP |
| 13 | 7 | 43.8 | 423 | 9 US-09-793-029-8 | Sequence 8, APP |
| 14 | 7 | 43.8 | 467 | 15 US-10-156-761-13918 | Sequence 13918, APP |
| 15- | 7 | 43.8 | 476 | 15 US-10-156-761-11331 | Sequence 11391, APP |

ALIGNMENTS

RESULT 1
US-10-000-170-339
; Sequence 339, Application US/10080170
; Publication No. US2003012601A1
; GENERAL INFORMATION:
; APPLICANT: COLE, S.T.
; TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TREATMENT OF MYCOBACTERIOSIS
; TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TREATMENT OF MYCOBACTERIOSIS
; FILE REFERENCE: 03495.0238
; CURRENT APPLICATION NUMBER: US/10/080,170
; CURRENT FILING DATE: 2002-06-10
; PRIORITY APPLICATION NUMBER: 60/270,123
; PRIORITY FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 339
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Mycobacterium leprae
US-10-000-170-339

Query Match 56.2%; Score 9; DB 16; Length 105;
Best Local Similarity 100.0%; Prd. No. 0.39;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 AAARRAAE 15
Db 19 AAARRAAE 27

RESULT 2
US-10-156-761-7735
; Sequence 7735, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO

RESULT 3
 US-10-156-761-13758
 Sequence 13758, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN
 APPLICANT: SHIBA, TADAYOSHI
 APPLICANT: SAKAKI, YOSHIOUKI
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761
 CURRENT FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: JP 2001-204089
 PRIOR FILING DATE: 2001-05-30
 PRIOR APPLICATION NUMBER: JP 2001-272697
 PRIOR FILING DATE: 2001-08-02
 NUMBER OF SEQ ID NOS: 15109
 SEQ ID NO 13758
 LENGTH: 275
 TYPE: PRT
 ORGANISM: Streptomyces avermitilis
 US-10-156-761-7735

Query Match 50.0%; Score 8; DB 15; Length 275;
 Best Local Similarity 100.0%; Pred. No. 5.8;
 Matches 8; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 6 RAAARRAR 13
 |||||
 Db. 251 RAAARRAR 258

RESULT 4
 US-10-156-761-13758
 Sequence 13758, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: HATTORI, MASAHIRO
 APPLICANT: WANG, AJUN
 APPLICANT: Fan, Liqun
 APPLICANT: Retter, Marc
 APPLICANT: Carter, Darrick
 APPLICANT: Vedick, Tom
 APPLICANT: Fanger, Gary
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C15
 CURRENT APPLICATION NUMBER: US/09/736,457
 CURRENT FILING DATE: 2000-12-13
 NUMBER OF SEQ ID NOS: 1864
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 797
 LENGTH: 120
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-736-457-797

Query Match 43.8%; Score 7; DB 10; Length 120;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 6 RAAARRA 12
 |||||
 Db. 99 RAAARRA 105

RESULT 5
 US-09-902-941-797
 Sequence 797, Application US/09902941
 Patent No. US2003017252A1
 GENERAL INFORMATION:
 APPLICANT: Henderson, Robert A.
 APPLICANT: Wang, Tongtong
 APPLICANT: Watanabe, Yoshihiro
 APPLICANT: Johnson, Jeffrey C.
 APPLICANT: Retter, Marc W.
 APPLICANT: Marinakis, Margarita
 APPLICANT: Carter, Darrick
 APPLICANT: Vedick, Gary R.
 APPLICANT: Fanger, Thomas S.
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: McNabb, Andria
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C17
 CURRENT APPLICATION NUMBER: US/09/902,941
 CURRENT FILING DATE: 2001-07-10
 NUMBER OF SEQ ID NOS: 2002
 SEQ ID NO 797
 LENGTH: 120
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-902-941-797

Query Match 43.8%; Score 7; DB 10; Length 120;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 6 RAAARRA 12
 |||||
 Db. 99 RAAARRA 105

RESULT 6
 US-09-849-626-797
 Sequence 797, Application US/09849626
 Patent No. US2002016863A1
 GENERAL INFORMATION:
 APPLICANT: Wang, Tongtong
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: Lodes, Michael A.
 APPLICANT: Bangur, Chaitanya S.

APPLICANT: Fanger, Gary
 APPLICANT: Wang, Ajun
 APPLICANT: Wang, Tongtong
 APPLICANT: Switzer, Anne
 APPLICANT: McNeill, Patricia
 APPLICANT: Clapper, Jonathan
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 FILE REFERENCE: 210121-478C16
 CURRENT APPLICATION NUMBER: US/09/849,626
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 1946
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 797
 LENGTH: 120
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-849-626-797

Query Match 43.8%; Score 7; DB 10; Length 120;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 6 RAAARRA 12
 Db 99 RAAARRA 105

RESULT 7
 US-10-017-754-797
 Sequence 797, Application US/10017754
 Publication No. US20030054363A1
 GENERAL INFORMATION:
 APPLICANT: Henderson, Robert A.
 APPLICANT: Wang, Tongtong
 APPLICANT: Watanabe, Yoshihiro
 APPLICANT: Johnson, Jeffrey C.
 APPLICANT: Retter, Marc W.
 APPLICANT: Marnarakis, Margarita
 APPLICANT: Carter, Darrick
 APPLICANT: Fanger, Gary R.
 APPLICANT: Vedick, Thomas S.
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: McNabb, Andria S.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 FILE REFERENCE: 210121-478C18
 CURRENT APPLICATION NUMBER: US/10/017,754
 CURRENT FILING DATE: 2001-10-29
 NUMBER OF SEQ ID NOS: 2004
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 797
 LENGTH: 120
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-017-754-797

Query Match 43.8%; Score 7; DB 15; Length 120;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 6 RAAARRA 12
 Db 99 RAAARRA 105

RESULT 8
 US-10-156-761-13634
 Sequence 13634, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO

; APPLICANT: ISHIKAWA, JUN
 ; APPLICANT: HORIKAWA, HIROSHI
 ; APPLICANT: SHIBA, TADAYOSHI
 ; APPLICANT: SAKAKI, YOSHIOUKI
 ; APPLICANT: HAYTORI, MASAHIRA
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 ; FILE REFERENCE: 249-162
 ; CURRENT APPLICATION NUMBER: US/10/156,761
 ; CURRENT FILING DATE: 2002-05-29
 ; PRIORITY APPLICATION NUMBER: JP 2001-204089
 ; PRIORITY FILING DATE: 2001-05-30
 ; PRIORITY APPLICATION NUMBER: JP 2001-272697
 ; PRIORITY FILING DATE: 2001-08-02
 ; NUMBER OF SEQ ID NOS: 15109
 ; SEQ ID NO: 13634
 ; LENGTH: 182
 ; TYPE: PRT
 ; ORGANISM: Streptomyces avermitilis
 US-10-156-761-13634

Query Match 43.8%; Score 7; DB 15; Length 182;
 Best Local Similarity 100.0%; Pred. No. 29;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 10 RRAREAA 16
 Db 123 RRARBEA 129

RESULT 9
 US-10-156-761-12773
 Sequence 12773, Application US/1015661
 Publication No. US20030110018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 ; APPLICANT: IKEDA, HARUO
 ; APPLICANT: ISHIKAWA, JUN
 ; APPLICANT: HORIKAWA, HIROSHI
 ; APPLICANT: SHIBA, TADAYOSHI
 ; APPLICANT: SAKAKI, YOSHIOUKI
 ; APPLICANT: HAYTORI, MASAHIRA
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 ; FILE REFERENCE: 249-162
 ; CURRENT APPLICATION NUMBER: US/10/156,761
 ; CURRENT FILING DATE: 2002-05-29
 ; PRIORITY APPLICATION NUMBER: JP 2001-204089
 ; PRIORITY FILING DATE: 2001-05-30
 ; PRIORITY APPLICATION NUMBER: JP 2001-272697
 ; PRIORITY FILING DATE: 2001-08-02
 ; NUMBER OF SEQ ID NOS: 15109
 ; SEQ ID NO: 12773
 ; LENGTH: 215
 ; TYPE: PRT
 ; ORGANISM: Streptomyces avermitilis
 US-10-156-761-12773

Query Match 43.8%; Score 7; DB 15; Length 215;
 Best Local Similarity 100.0%; Pred. No. 33;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 3 RAARAAA 9
 Db 184 RAARAAA 190

RESULT 10
 US-09-738-626-4645
 Sequence 4645, Application US/09738666
 Publication No. US2002019705A1
 GENERAL INFORMATION:
 APPLICANT: NAKAGAWA, SATOSHI
 ; APPLICANT: MIZOGUCHI, HIROSHI
 ; APPLICANT: ANDO, SEIKO

APPLICANT: HAYASHI, MIKIRO
 APPLICANT: OCHIALI, KEIKO
 APPLICANT: YOKOI, HARUHIKO
 APPLICANT: TATEISHI, NAKO
 APPLICANT: SENOH, AKIHIRO
 APPLICANT: IKEDA, MASATO
 APPLICANT: OZAKI, AKIO
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-125
 CURRENT APPLICATION NUMBER: US/09/738,626
 CURRENT FILING DATE: 2000-12-18
 PRIOR APPLICATION NUMBER: JP 99/377484
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: JP 00/159162
 PRIOR FILING DATE: 2000-04-07
 PRIOR APPLICATION NUMBER: JP 00/280988
 PRIOR FILING DATE: 2000-08-03
 NUMBER OF SEQ ID NOS: 7059
 SOFTWARE: PatentIn ver. 3.0
 SEQ ID NO: 4645
 LENGTH: 276
 TYPE: PRT
 ORGANISM: Corynebacterium glutamicum
 us-09-738-626-4645

Query Match 43.8%; Score 7; DB 10; Length 276;
 Best Local Similarity 100.0%; Pred. No. 40;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 ARRARA 14
 Db 173 ARRARA 179

RESULT 11
 US-10-156-761-13402
 Sequence 13402, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN
 APPLICANT: SHIBA, TADAYOSHI
 APPLICANT: SAKAKI, YOSHIIYUKI
 APPLICANT: HATTORI, MASAHTRA
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761
 CURRENT FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: JP 2001-204089
 PRIOR FILING DATE: 2001-05-30
 PRIOR APPLICATION NUMBER: JP 2001-272697
 PRIOR FILING DATE: 2001-08-02
 NUMBER OF SEQ ID NOS: 15109
 SEQ ID NO: 13402
 LENGTH: 287
 TYPE: PRT
 ORGANISM: Streptomyces avermitillii
 us-10-156-761-13402

Query Match 43.8%; Score 7; DB 15; Length 287;
 Best Local Similarity 100.0%; Pred. No. 42;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 ARAAAAR 10
 Db 155 ARAAAAR 161

RESULT 12
 US-10-055-364-48
 Sequence 48, Application US/10055364

Publication No. US20020155433A1
 GENERAL INFORMATION:
 APPLICANT: Patience, Clive
 TITLE OF INVENTION: Gamma Herpes Virus DNA and Methods of Use
 FILE REFERENCE: 61750-379
 CURRENT APPLICATION NUMBER: US/10/055,364
 CURRENT FILING DATE: 2002-01-23
 PRIOR APPLICATION NUMBER: US/09/612,204
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: US/60/142,736
 PRIOR FILING DATE: 1999-07-08
 PRIOR APPLICATION NUMBER: US/60/168,532
 PRIOR FILING DATE: 1999-12-02
 NUMBER OF SEQ ID NOS: 55
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 48
 LENGTH: 359
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Suid herpesvirus 1 - bases 491-850
 US-10-055-364-48.

Query Match 43.8%; Score 7; DB 14; Length 359;
 Best Local Similarity 100.0%; Pred. No. 50;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 AAARRR 13
 Db 4 AAARRR 10

RESULT 13
 US-09-798-029-8
 Sequence 8, Application US/09798029
 Parent No. US20020019030A1
 GENERAL INFORMATION:
 APPLICANT: Millennium Pharmaceuticals, Inc.
 APPLICANT: Meyers, Rachel
 APPLICANT: Macbeth, Kyle J.
 APPLICANT: Rudolph-Owen, Laura
 TITLE OF INVENTION: 25324, 50287, 28899, 47007, and 42967
 TITLE OF INVENTION: TRANSFERASE FAMILY MEMBERS AND USES THEREFOR
 FILE REFERENCE: 38155-20001.00
 CURRENT APPLICATION NUMBER: US/09/798,029
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: US 60/185,711
 PRIOR FILING DATE: 2001-02-27
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: FastSEQ for Windows version 4.0
 SEQ ID NO: 8
 LENGTH: 423
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-798-029-8

Query Match 43.8%; Score 7; DB 9; Length 423;
 Best Local Similarity 100.0%; Pred. No. 57;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RAARAAA 9
 Db 19 RAARAAA 25

RESULT 14
 US-10-156-761-13918
 Sequence 13918, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN

APPLICANT: HORIKAWA, HIROSHI
 APPLICANT: SHIBA, TADAYOSHI
 APPLICANT: SAKAKI, YOSHITUKI
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761.
 CURRENT FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: JP 2001-204089
 PRIOR FILING DATE: 2001-05-30
 PRIOR APPLICATION NUMBER: JP 2001-272697
 PRIOR FILING DATE: 2001-08-02
 NUMBER OF SEQ ID NOS: 15109
 SEQ ID NO: 13918
 LENGTH: 467
 ORGANISM: Streptomyces avermitillius
 US-10-156-761-13918

Query Match 43.8%; Score 7; DB 15; Length 467;
 best Local Similarity 100.0%; Pred. No. 62;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 8 AARRARA 14
 |||||
 Db 154 AARRARA 160

RESULT 15
 US-10-156-761-11391
 Sequence 11391, Application US/10156761
 Publication No. US20030119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN
 APPLICANT: HORIKAWA, HIROSHI
 APPLICANT: SHIBA, TADAYOSHI
 APPLICANT: SAKAKI, YOSHITUKI
 APPLICANT: HATTORI, MASAHIRA
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761.
 CURRENT FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: JP 2001-204089
 PRIOR FILING DATE: 2001-05-30
 PRIOR APPLICATION NUMBER: JP 2001-272697
 PRIOR FILING DATE: 2001-08-02
 NUMBER OF SEQ ID NOS: 15109
 SEQ ID NO: 11391
 LENGTH: 476
 ORGANISM: Streptomyces avermitillius
 US-10-156-761-11391

Query Match 43.8%; Score 7; DB 15; Length 476;
 best Local Similarity 100.0%; Pred. No. 63;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 3 RAARAA 9
 |||||
 Db 292 RAARAA 298